



PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/826,086
Filing Date	April 16, 2004
First Named Inventor	Richard I. Brown
Art Unit	Not Yet Assigned 1723
Examiner Name	Not Yet Assigned KIM
Attorney Docket Number	0360-0146

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
JK		US- 5,494,592	02-27-1996	Latham, Jr. et al.	
		US- 5,607,579	03-04-1997	Latham, Jr. et al.	
		US- 4,944,883	07-31-1990	Schoendorfer, et al.	
		US- 5,348,533	09-20-1994	Papillon, et al.	
		US- 6,022,306	02-08-2000	Dumont, et al.	
		US- 6,678,040 B1	01-13-2004	Suzuki	
		US- 6,652,476 B2	11-25-2003	Langley, et al.	
		US- 6,551,512 B1	04-22-2003	Britsch, et al.	
		US- 6,200,287 B1	03-13-2001	Keller, et al.	
		US- 6,083,187	07-04-2000	Nakayama, et al.	
		US- 6,013,184	01-11-2000	Fukuda, et al.	
		US- 5,653,681	08-05-1997	Ellingboe	
		US- 5,607,830	03-04-1997	Biesel, et al.	
		US- 5,516,431	05-14-1996	Kawamura, et al.	
		US- 5,437,624	08-01-1995	Langley	
		US- 5,421,812	06-06-1995	Langley, et al.	
		US- 5,376,263	12-27-1994	Fischel	
		US- 5,372,709	12-13-1994	Hood	
		US- 5,318,512	06-07-1994	Neumann	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code* Number* Kind Code* (if known)				
JK		EP 0 834 329 A1	04-08-1998	Nakayama et al.		

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		Number-Kind Code ² (if known)			
JK		US- 5,242,384	09-07-1993	Robinson, et al.	
		US- 5,194,145	03-16-1993	Schoendorfer	
		US- 5,061,381	10-29-1991	Burd	
		US- 4,980,068	12-25-1990	Lavender	
		US- 4,898,675	02-06-1990	Lavender	
		US- 4,808,307	02-28-1989	Fischel, et al.	
		US- 4,789,482	12-06-1988	DiLeo, et al.	
		US- 4,755,300	07-05-1988	Fischel, et al.	
		US- 4,747,952	05-31-1988	Nakano, et al.	
		US- 4,631,130	12-23-1986	Watanabe	
		US- Re. 31,688	09-25-1984	Popovich, et al.	
		US- 4,375,415	03-01-1983	Lavender	
		US- 4,321,919	03-30-1982	Edelson	
		US- 4,269,718	05-26-1981	Persidsky	
		US- 4,191,182	03-04-1980	Popovich, et al.	
		US- 6,315,955 B1	11-13-2001	Klein	
		US- 6,451,203 B2	09-17-2002	Brown	
		US- 4,769,001	09-06-1988	Prince	
JK		US- 4,185,629	01-29-1980	Cullis, et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Signature	J. Fair	Date Considered	3/23/06
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JK		US- 5,178,603	01-12-1993	Prince	
		US- 5,234,608	08-10-1993	Duff	
		US- 5,681,273	10-28-1997	Brown	
		US- 5,730,883	03-24-1998	Brown	
		US- 5,738,792	04-14-1998	Schoendorfer	
		US- 5,762,791	06-09-1998	Deniega, et al.	
		US- 6,059,979	05-09-2000	Brown	
		US- 6,080,322	06-27-2000	Deniega, et al.	
		US- 6,207,063 B1	03-27-2001	Brown	
		US- 6,251,284 B1	06-26-2001	Bischof, et al.	
		US- 5,281,342	01-25-1994	Biesel, et al.	
		US- 5,704,888	01-06-1998	Hlavinka, et al.	
		US- 5,879,280	03-09-1999	Hlavinka, et al.	
		US- 5,704,889	01-06-1998	Hlavinka, et al.	
		US- 5,876,321	03-02-1999	Hlavinka, et al.	
		US-			
		US-			
		US-			
		US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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